

PATENT APPLICATION

Inventor(s):	VAN DER SCHAAR et al.	
Appln. No.:	09	842,203
	Series Code ↑	Serial No.

Filed: April 26, 2001

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

Group Art 2851
Examiner: David B. Esplin
Atty. Dkt. P 280250 | P-0181.010-US

M#	Client Ref
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Appln. Title: LITHOGRAPHIC PROJECTION
APPARATUS, A METHOD FOR
DETERMINING A POSITION OF A
SUBSTRATE ALIGNMENT MARK, A
DEVICE MANUFACTURING METHOD
AND DEVICE MANUFACTURED
THEREBY

Date: April 3, 2003

REPLY/AMENDMENT/LETTER

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim		For B & C See <u>Required</u> <u>Separate</u> Paper (Pat-256)		Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
A. <input checked="" type="checkbox"/> NOT made									
B. <input type="checkbox"/> Withdrawn									
C. <input type="checkbox"/> made herewith									
D. <input type="checkbox"/> made previously									
2. Total Effective Claims				20	**minus	20	0	x \$18/\$9 =	+ \$0 103/203
3. Independent Claims				6	***minus	3	3	x \$84/\$42 =	+ \$252 102/202
4. If amendment enters <u>proper</u> multiple dependent claim(s) into this application for <u>first</u> time (leave blank if this is a reissue application)								add	+ \$280/\$140 = + \$0 104/204
5. <u>Original due Date:</u> March 19, 2003				<input type="checkbox"/> NONE					
6. <u>Petition is hereby made</u> to extend the original due date to cover the date this response is filed for which the requisite fee is attached				(1 mo)	\$110/\$55 =	+ \$110			115/215
				(2 mos)	\$410/\$205 =				116/216
				(3 mos)	\$930/\$465 =				117/217
				(4 mos)	\$1,450/\$725 =				118/218
				(5 mos)	\$1,970/\$985 =				128/228
7. Enter any previous extension fee <u>paid</u> since above <u>original due date</u> and <u>subtract</u>							- \$0		
8.							Extension Fee	+ \$110	
9. If <u>Terminal Disclaimer</u> attached, add Rule 20(d) official fee							+ \$110/\$55	+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c),							+ \$180	+ \$0	126
or if Rule 97(d) Request							+ \$180		126
11. After-Final Request Fee per rules 129(a) and 17(r)							+ \$750/370	+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b).....							x \$750/375 ea	+ \$0	149/249
13. Request for Continued Examination (RCE)							+ \$750/375	+ \$0	1179/1279
14. Petition fee for								+ \$0	
TOTAL FEE =								\$362	
15.									PLEASE CHARGE OUR DEP. ACCT
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".									
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.									
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.									

04/06/2003 CCHAU1 00000042 033975 09842203

Our Deposit Account No. 03-3975)

(Our Order No. 81468 280250)

02 FC:1251 110.00 CH

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP

Intellectual Property Group

P.O. Box 10500
McLean, VA 22102

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By Atty: Robert C. Perez

Sig:

Req. No. 39,328

Fax: (703) 905-2500

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Atty/Sec: RP/EED

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments

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PAT-120 5/02



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

Confirmation No.: 5405

VAN DER SCHAAAR et al.

Group Art Unit: 2851

Appln. No.: 09/842,203

Examiner: ESPLIN, DAVID B

Filed: April 26, 2001

Title: LITHOGRAPHIC PROJECTION APPARATUS, A METHOD FOR DETERMINING A POSITION OF A SUBSTRATE ALIGNMENT MARK, A DEVICE MANUFACTURING METHOD AND DEVICE MANUFACTURED THEREBY

#10/a
4-10-03
JEP

April 3, 2003

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AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

In reply to the Office Action dated December 19, 2002, please amend the above identified application as follows:

TECHNOLOGY CENTER 2851
APR 10 2003
COMM-FBI

IN THE CLAIMS:

Please enter the following amended claims.

3. (Amended) A lithographic projection apparatus comprising:
- a radiation system constructed and arranged to supply a projection beam of radiation;
 - a support structure constructed and arranged to support beam patterning structure, the beam patterning structure serving to pattern the projection beam according to a desired pattern;
 - a substrate table constructed and arranged to hold a substrate;
 - a projection system constructed and arranged to project the patterned beam onto a target portion of the substrate; and
 - an alignment system to align the substrate to the beam patterning structure, said alignment system comprising:

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